

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	312	("ic card" or "chip card" or "circuit card" or "smart card" or smartcard) same (detect\$4) with (inser\$4 or accept\$4 or input\$4 or take\$1 or fed\$4 or feed\$4) with (screen or display or monitor)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/06 11:53
S2	1	10/670,772	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/06 13:51
S3	8209	235/382,487,492,493.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/06 13:52
S4	382	card with insert\$4 with (display\$4 or monitor or screen) with detect\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/06 13:52
S5	312	("ic card" or "chip card" or "circuit card" or "smart card" or smartcard) same (detect\$4) with (inser\$4 or accept\$4 or input\$4 or take\$1 or fed\$4 or feed\$4) with (screen or display or monitor)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/06 14:04
S6	288	S4 not S5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/06 16:17
S7	85	card same (delet\$4 or eras\$4 or expung\$4 or clear\$3) near3 (information or data or record) with (identical or "same" or match\$4 or correspond\$4) with (stor\$3 or local\$4 or remote\$2)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/06 17:05
S8	8	"screen saver" same card with insert\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/06 17:08
S9	81	("screen saver" or (power\$3 near3 sav\$4)) same card with insert\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/06 17:08
S10	39	(dpms or "display power managment signaling" or "screen saver" or (power\$3 near4 (reduc\$4 or sav\$4 or conserv\$5))) same card with insert\$4 same (monitor or screen or lcd or display)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/06 17:13

## EAST Search History

S11	17	("5355490"   "5612520"   "5640176"   "5719618"   "5752048"   "5758172"   "5822599"   "5832285"   "5935244"   "5938772"   "5978923"   "5987613"   "6006335"   "6076133"   "6205318"   "6289466").PN. OR ("6590597").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/06 21:53
S12	98310	"345"/\$.ccls. "715"/\$.ccls. 713/310, 320,330,340.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/06 21:55
S13	2719	713/310,320,330,340.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/06 21:55
S14	152	S13 and insert\$4 with card	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/06 21:55
S15	1	("2003/0126483").URPN.	USPAT	OR	ON	2007/08/06 22:01
S16	8	("4752677"   "5841868"   "5877483"   "5911080").PN. OR ("6128744").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/06 22:09
S17	38	("3596249"   "3634657"   "3814905"   "4038522"   "4095739"   "4189712"   "4412216"   "4519088"   "4689610"   "4691355"   "4723269"   "4901068"   "4926325"   "4942606"   "4959860"   "4980836"   "5003578"   "5048085"   "5410713"   "5588054"   "5668417"   "5671131"   "5715465").PN. OR ("5877483").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/06 22:10
S18	14	("3984658"   "4240516"   "4624578"   "4951249"   "5060079"   "5202921"   "5286954"   "5327497"   "5553296"   "5579524").PN. OR ("5911080").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/06 22:13
S19	1	"20030055686".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/07 10:26
S20	232	power\$4 with insert\$4 with card\$4 with (display or screen)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/07 10:31
S21	22	(power\$4 with insert\$4 with card\$4 with (display or screen)) and (button or gui or OSD or "on screen display") with (delet\$4 or eras\$4 or regist\$6 or clear)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/07 10:37

## EAST Search History

S22	39	(US-20060041402-\$ or US-20040124238-\$ or US-20040212735-\$ or US-20050258244-\$ or US-20060152599-\$ or US-20070019018-\$ or US-20040129776-\$ or US-20030191960-\$ or US-20030126483-\$ or US-20010016502-\$ or US-20010035455-\$ or US-20030055686-\$).did. or (US-5146068-\$ or US-3947666-\$ or US-4423313-\$ or US-4423318-\$ or US-4672182-\$ or US-4751394-\$ or US-5002062-\$ or US-5484993-\$ or US-5880444-\$ or US-6237848-\$ or US-6856353-\$ or US-6993618-\$ or US-7017811-\$ or US-6590597-\$ or US-5832285-\$ or US-6006335-\$ or US-6009529-\$ or US-6052742-\$ or US-6128744-\$ or US-5877483-\$ or US-5911080-\$ or US-3596249-\$ or US-4723269-\$ or US-6260111-\$ or US-7107455-\$).did. or (JP-03119275-\$ or JP-06203241-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2007/08/07 12:33
S23	1	"20030055686".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 21:12
S24	28	"715"/\$ and smart adj card\$1 and delete\$1 with information	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 21:12
S25	9	"715"/\$ and smart adj card\$1 and delete\$1 near3 information	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 21:16
S26	8	read\$4 with card with (delet\$4 or eras\$3) with (identical or "same") near3 (data or information)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 21:22
S27	0	"on screen display" with (delet\$4 or eras\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 21:50
S28	728	(button or key) with (delet\$4 or eras\$3) same (card or smartcard or "ic card" or "integrated circuit card" or "chip card") and (data or information) with ("same" or duplicate or identical)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 21:54

## EAST Search History

S29	58	(button or key) with (delet\$4 or eras\$3) same (card or smartcard or "ic card" or "integrated circuit card" or "chip card") same (data or information) with ("same" or duplicate or identical)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 22:42
S30	173	(PDA or "digital assistant" or laptop) with (smartcard or "smart card" or "ic card" or "integrated circuit card" or "chip card") with insert\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 22:42
S31	2	(PDA or "digital assistant" or laptop) with (smartcard or "smart card" or "ic card" or "integrated circuit card" or "chip card") with insert\$4 same (power\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 22:44
S32	1	(PDA or "digital assistant" or laptop) with (button or key) with delet\$4 and (card with insert\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 22:46
S33	42	(PDA or "digital assistant" or laptop) with (power\$3) with (insert\$4) with card	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 22:47
S34	0	(PDA or "digital assistant" or laptop) with (power\$3) with (insert\$4) with card with (switch or automatic\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 22:48
S35	0	(PDA or "digital assistant" or laptop) with (power\$3) with (insert\$4) with card with (switch\$3 or automatic\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 22:48
S36	267	(display or screen or PDA or "digital assistant" or laptop) with (power\$3) with (insert\$4) with card	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 22:55
S37	184	automatic\$4 with power\$3 with card with insert\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 22:55
S38	40	automatic\$4 with power\$3 with card with insert\$4 same (display or screen or computer or pda or assistant)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 22:58
S39	1129	pda same card same (password or pin or security)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 22:58
S40	326	pda with card with (password or pin or security)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 22:58
S41	13	pda with card with (password or pin or security) with insert\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 22:59
S42	40	pda with card with insert\$4 same (password or pin or code or passcode)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 22:59

## EAST Search History

S43	0	("2004/0129776").URPN.	USPAT	OR	ON	2007/08/21 23:39
S44	288	computer with integral with (monitor or screen)	USPAT	OR	ON	2007/08/21 23:39
S45	52	computer with integral with (monitor or screen) with keyboard	USPAT	OR	ON	2007/08/21 23:41
S46	52	laptop with "ic card"	USPAT	OR	ON	2007/08/21 23:42
S47	141	laptop with card with access\$4	USPAT	OR	ON	2007/08/21 23:42
S48	15	laptop with card with access\$4 with insert\$4	USPAT	OR	ON	2007/08/21 23:42
S49	1	"20030055686".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 01:52
S50	1	10/670,772	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 03:04
S51	2	("345"/\$.ccls. "715"/\$.ccls.) and card with (insert\$4) with (delet\$4 or register\$3) with (user or cardholder)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 14:48
S52	2247	("345"/\$.ccls. "715"/\$.ccls.) and (display or screen) with (delet\$4 or register\$3) with (user or cardholder)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 14:48
S53	1	("345"/\$.ccls. "715"/\$.ccls.) and (display or screen) with (delet\$4 or eras\$4 or register\$3) with (user or cardholder) same (card with insert\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 14:49
S54	0	("345"/\$.ccls. "715"/\$.ccls.) and (display or screen) with (delet\$4 or eras\$4) with (user or cardholder) same (card with insert\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 14:52
S55	49	("345"/\$.ccls. "715"/\$.ccls.) and (display or screen) with (delet\$4 or eras\$4) with (user or cardholder) and (card with insert\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 14:58
S56	25	("345"/\$.ccls. "715"/\$.ccls.) and (display or screen) with (delet\$4 or eras\$4) with (card) with (data or information)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 14:59
S57	5	("345"/\$.ccls. "715"/\$.ccls.) and ("smart card" or "ic card" or smartcard) with insert\$4 with (power\$4 or (turn\$3 near3 (on or off))) and (smartcard or "smart card" or "ic card") with (log\$4 or register\$4 or delet\$4 or eras\$4 or "log-in" or "log-on")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/23 17:04

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	312	("ic card" or "chip card" or "circuit card" or "smart card" or smartcard) same (detect\$4) with (inser\$4 or accept\$4 or input\$4 or take\$1 or fed\$4 or feed\$4) with (screen or display or monitor)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/06 11:53
S2	1	10/670,772	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/06 13:51
S3	8209	235/382,487,492,493.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/06 13:52
S4	382	card with insert\$4 with (display\$4 or monitor or screen) with detect\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/06 13:52
S5	312	("ic card" or "chip card" or "circuit card" or "smart card" or smartcard) same (detect\$4) with (inser\$4 or accept\$4 or input\$4 or take\$1 or fed\$4 or feed\$4) with (screen or display or monitor)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/06 14:04
S6	288	S4 not S5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/06 16:17
S7	85	card same (delet\$4 or eras\$4 or expung\$4 or clear\$3) near3 (information or data or record) with (identical or "same" or match\$4 or correspond\$4) with (stor\$3 or local\$4 or remote\$2)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/06 17:05
S8	8	"screen saver" same card with insert\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/06 17:08
S9	81	("screen saver" or (power\$3 near3 sav\$4)) same card with insert\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/06 17:08
S10	39	(dpms or "display power managment signaling" or "screen saver" or (power\$3 near4 (reduc\$4 or sav\$4 or conserv\$5))) same card with insert\$4 same (monitor or screen or lcd or display)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/06 17:13

## EAST Search History

S11	17	("5355490"   "5612520"   "5640176"   "5719618"   "5752048"   "5758172"   "5822599"   "5832285"   "5935244"   "5938772"   "5978923"   "5987613"   "6006335"   "6076133"   "6205318"   "6289466").PN. OR ("6590597").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/06 21:53
S12	98310	"345"/\$.ccls. "715"/\$.ccls. 713/310, 320,330,340.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/06 21:55
S13	2719	713/310,320,330,340.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/06 21:55
S14	152	S13 and insert\$4 with card	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/06 21:55
S15	1	("2003/0126483").URPN.	USPAT	OR	ON	2007/08/06 22:01
S16	8	("4752677"   "5841868"   "5877483"   "5911080").PN. OR ("6128744").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/06 22:09
S17	38	("3596249"   "3634657"   "3814905"   "4038522"   "4095739"   "4189712"   "4412216"   "4519088"   "4689610"   "4691355"   "4723269"   "4901068"   "4926325"   "4942606"   "4959860"   "4980836"   "5003578"   "5048085"   "5410713"   "5588054"   "5668417"   "5671131"   "5715465").PN. OR ("5877483").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/06 22:10
S18	14	("3984658"   "4240516"   "4624578"   "4951249"   "5060079"   "5202921"   "5286954"   "5327497"   "5553296"   "5579524").PN. OR ("5911080").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/06 22:13
S19	1	"20030055686".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/07 10:26
S20	232	power\$4 with insert\$4 with card\$4 with (display or screen)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/07 10:31
S21	22	(power\$4 with insert\$4 with card\$4 with (display or screen)) and (button or gui or OSD or "on screen display") with (delet\$4 or eras\$4 or regist\$6 or clear)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/07 10:37

## EAST Search History

S22	39	(US-20060041402-\$ or US-20040124238-\$ or US-20040212735-\$ or US-20050258244-\$ or US-20060152599-\$ or US-20070019018-\$ or US-20040129776-\$ or US-20030191960-\$ or US-20030126483-\$ or US-20010016502-\$ or US-20010035455-\$ or US-20030055686-\$).did. or (US-5146068-\$ or US-3947666-\$ or US-4423313-\$ or US-4423318-\$ or US-4672182-\$ or US-4751394-\$ or US-5002062-\$ or US-5484993-\$ or US-5880444-\$ or US-6237848-\$ or US-6856353-\$ or US-6993618-\$ or US-7017811-\$ or US-6590597-\$ or US-5832285-\$ or US-6006335-\$ or US-6009529-\$ or US-6052742-\$ or US-6128744-\$ or US-5877483-\$ or US-5911080-\$ or US-3596249-\$ or US-4723269-\$ or US-6260111-\$ or US-7107455-\$).did. or (JP-03119275-\$ or JP-06203241-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2007/08/07 12:33
S23	1	"20030055686".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 21:12
S24	28	"715"/\$ and smart adj card\$1 and delete\$1 with information	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 21:12
S25	9	"715"/\$ and smart adj card\$1 and delete\$1 near3 information	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 21:16
S26	8	read\$4 with card with (delet\$4 or eras\$3) with (identical or "same") near3 (data or information)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 21:22
S27	0	"on screen display" with (delet\$4 or eras\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 21:50
S28	728	(button or key) with (delet\$4 or eras\$3) same (card or smartcard or "ic card" or "integrated circuit card" or "chip card") and (data or information) with ("same" or duplicate or identical)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 21:54



## EAST Search History

S29	58	(button or key) with (delet\$4 or eras\$3) same (card or smartcard or "ic card" or "integrated circuit card" or "chip card") same (data or information) with ("same" or duplicate or identical)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 22:42
S30	173	(PDA or "digital assistant" or laptop) with (smartcard or "smart card" or "ic card" or "integrated circuit card" or "chip card") with insert\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 22:42
S31	2	(PDA or "digital assistant" or laptop) with (smartcard or "smart card" or "ic card" or "integrated circuit card" or "chip card") with insert\$4 same (power\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 22:44
S32	1	(PDA or "digital assistant" or laptop) with (button or key) with delet\$4 and (card with insert\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 22:46
S33	42	(PDA or "digital assistant" or laptop) with (power\$3) with (insert\$4) with card	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 22:47
S34	0	(PDA or "digital assistant" or laptop) with (power\$3) with (insert\$4) with card with (switch or automatic\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 22:48
S35	0	(PDA or "digital assistant" or laptop) with (power\$3) with (insert\$4) with card with (switch\$3 or automatic\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 22:48
S36	267	(display or screen or PDA or "digital assistant" or laptop) with (power\$3) with (insert\$4) with card	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 22:55
S37	184	automatic\$4 with power\$3 with card with insert\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 22:55
S38	40	automatic\$4 with power\$3 with card with insert\$4 same (display or screen or computer or pda or assistant)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 22:58
S39	1129	pda same card same (password or pin or security)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 22:58
S40	326	pda with card with (password or pin or security)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 22:58
S41	13	pda with card with (password or pin or security) with insert\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 22:59
S42	40	pda with card with insert\$4 same (password or pin or code or passcode)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/21 22:59

## EAST Search History

S43	0	("2004/0129776").URPN.	USPAT	OR	ON	2007/08/21 23:39
S44	288	computer with integral with (monitor or screen)	USPAT	OR	ON	2007/08/21 23:39
S45	52	computer with integral with (monitor or screen) with keyboard	USPAT	OR	ON	2007/08/21 23:41
S46	52	laptop with "ic card"	USPAT	OR	ON	2007/08/21 23:42
S47	141	laptop with card with access\$4	USPAT	OR	ON	2007/08/21 23:42
S48	15	laptop with card with access\$4 with insert\$4	USPAT	OR	ON	2007/08/21 23:42
S49	1	"20030055686".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 01:52
S50	1	10/670,772	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 03:04
S51	2	("345"/\$.ccls. "715"/\$.ccls.) and card with (insert\$4) with (delet\$4 or register\$3) with (user or cardholder)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 14:48
S52	2247	("345"/\$.ccls. "715"/\$.ccls.) and (display or screen) with (delet\$4 or register\$3) with (user or cardholder)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 14:48
S53	1	("345"/\$.ccls. "715"/\$.ccls.) and (display or screen) with (delet\$4 or eras\$4 or register\$3) with (user or cardholder) same (card with insert\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 14:49
S54	0	("345"/\$.ccls. "715"/\$.ccls.) and (display or screen) with (delet\$4 or eras\$4) with (user or cardholder) same (card with insert\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 14:52
S55	49	("345"/\$.ccls. "715"/\$.ccls.) and (display or screen) with (delet\$4 or eras\$4) with (user or cardholder) and (card with insert\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 14:58
S56	25	("345"/\$.ccls. "715"/\$.ccls.) and (display or screen) with (delet\$4 or eras\$4) with (card) with (data or information)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 14:59
S57	5	("345"/\$.ccls. "715"/\$.ccls.) and ("smart card" or "ic card" or smartcard) with insert\$4 with (power\$4 or (turn\$3 near3 (on or off))) and (smartcard or "smart card" or "ic card") with (log\$4 or register\$4 or delet\$4 or eras\$4 or "log-in" or "log-on")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/23 17:04

## EAST Search History

S58	0	("345"/\$.ccls. "715"/\$.ccls.) and ("smart card" or "ic card" or smartcard) with insert\$4 with (delet\$4 or eras\$4) with (register\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/23 17:04
S59	0	("345"/\$.ccls. "715"/\$.ccls.) and ("smart card" or "ic card" or smartcard or card) with insert\$4 with (delet\$4 or eras\$4) with (register\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/23 17:04
S60	24	("smart card" or "ic card" or smartcard or card) with insert\$4 with (delet\$4 or eras\$4) with (register\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/23 17:13
S61	20	("smart card" or "ic card" or smartcard or card) with insert\$4 with (delet\$4 or eras\$4) near3 (data or information) with (user or cardholder)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/23 17:21
S62	0	("345"/\$.ccls. "455"/\$.ccls. "715"/\$.ccls.) and card with (insert\$4) near3 (display or screen or phone or telephone or pda or monitor) same (delet\$4 or eras\$4) same (register\$4) same (compar\$4 or match\$4 or authenticat\$4) same (power\$4 or turn\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/23 17:22
S63	0	("345"/\$.ccls. "455"/\$.ccls. "715"/\$.ccls.) and card with (insert\$4) with (display or screen or phone or telephone or pda or monitor) same (delet\$4 or eras\$4) with (data or information) same (register\$4) with (data or information) and (compar\$4 or match\$4 or authenticat\$4) same (power\$4 or turn\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/23 17:32
S64	2	("345"/\$.ccls. "455"/\$.ccls. "715"/\$.ccls.) and card with (insert\$4) with (display or screen or phone or telephone or pda or monitor) same (delet\$4 or eras\$4) with (data or information) with (personal or user or customer or cardholder)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/23 18:24
S65	3	("345"/\$.ccls. "455"/\$.ccls. "715"/\$.ccls.) and card with (insert\$4) with (display or screen or phone or telephone or pda or monitor) same (delet\$4 or eras\$4) with (button or key or osd or "on screen display" or touch\$3 or press\$3 or push\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/23 18:26